

FALCONBRIDGE NICKEL MINES LIMITED
Falconbridge, Ontario.

Date: Sept. 5/51 Location: 81,00 S. 165 E. Bearing: East Hole No. 0.0. 101
of # I.B.L.

Logged by: L. Hudson Elevation: _____ Dip: -40° Property: Gull Pond, Nfld.

DIP TESTS:

<u>Footage</u>	<u>Angle etched on tube</u>	<u>Corrected Angle</u>
0.0	-40° at collar	—
180.0	50°	42°
360.0	45°	36°

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>	<u>SAMPLE NO</u>
0.0	7.0	Overburden: sand and gravel.	
7.0	45.5	Very fine grained, medium grey, sheared, altered tuff complex, with local cordierite, biotite, and sericite development. Numerous quartz injections and minor pyrite.	
45.5	60.3	Very fine grained, light (white to grey) cherty-looking rock, with some intercalated tuff. Minor pyrite and locally sheared chert.	
60.3	69.0	Fine grained to very fine grained, dark grey-green dacite, with quartz and feldspar phenocrysts.	
69.0	150.5	Fine grained, dark grey, sheared, chloritic tuff, with occasional quartz injections and cordierite development. 135 - 138: coarse grained. 145 - 148: coarse grained.	
150.5	157.4	Fine grained, dark grey-green, andesitic tuff, with specks of pyrite.	
157.4	209.5	Fine grained to very fine grained, light bluish-grey, sheared rhyolitic tuff, chloritized and sericitized in part, with blebs of cordierite locally and injected quartz. 183.7 - 183.9: Massive pyrite. 185.5 - 186.9: " "	
209.5	212.6	Similar to 150.5 - 157.4	
212.6	218.9	Similar to 157.4 - 209.5	
218.9	227.0	<u>Sulphide Zone:</u> Fine grained, dark bluish-black highly chloritized andesite, with biotite and cordierite development. Varying amounts of chalcopyrite and pyrrhotite.	
227.0	248.6	Fine grained to very fine grained, light bluish-grey, slightly cremlated rhyolitic tuff, with occasional quartz injections and cordierite development.	
248.6	260.0	Very fine grained, light grey to green, sheared, cremlated tuff, with chlorite development and occasional quartz injections.	
260.0	265.5	Fine grained, light greyish-green andesitic tuff, with chlorite and biotite development.	
265.5	273.3	<u>Sulphide Zone:</u> very fine grained, medium green (sheared chert and intercalated siliceous tuff) locally sericitized. Varying amounts of chalcopyrite and pyrrhotite.	

- 2 -

Date: Sept. 5/51 Location: 81400 S. 165 E. Bearing: East Hole No. G.B. 101
of # I.B.L.

Logged by: L. Hudson Elevation: Dip: -40° Property: Gull Pond, Nfld.

FROM	TO	DESCRIPTION	SAMPLE NO.
273.3	283.3	Fine grained to very fine grained, medium green orenulated siliceous tuff.	
283.3	325.7	Fine grained, medium gray, siliceous slightly orenulated, tuff, with local biotite and epidote development and very minor pyrite. 285 - 287.8: considerable quartz injection.	
325.7	327.9	Very fine grained, medium grayish-green dacite, with phenocrysts of quartz and feldspar. Quartz epidote fracture-filling.	
327.9	334.5	Fine grained, light greenish-gray, slightly orenulated tuff.	
334.5	347.2	Fine grained, medium green, sheared, andesitic tuff, with epidote fracture-filling.	
347.2	358.2	Medium grained, dark green diorite, with amygdules of feldspar and a soft white fibrous mineral at 347.2 contact. Both contacts show inclusions of material. Dyke rock?	
358.2	376.0	Similar to 334.5 - 347.2, but with numerous quartz fracture-filling.	

END OF HOLE.

Hole started: September 3rd, 1951.

Hole finished: September 8th, 1951.

Caving ground at 113, cemented once.
All casing pulled.

AX Core 7.0' - 15.0'

ASSAY RECORD SHEET

GULLBRIDGE MINES LIMITED
Badger, Newfoundland

Hole No. GB-10/

SAMPLE NO	FROM	TO	LENGTH	% CU	% NI	CO	DESCRIPTION
3317	218.9	220.8	1.9	.17			Fine grained, dark bluish-black altered and ^{oxide} with chlorite, biotite and cordierite development. 2 to 3% pyrrhotite.
3318	220.8	224.7	3.9	1.55	.01	.052	Similar to above. 12 to 15% pyrrhotite and chalcopyrite.
3319	224.7	227.1	2.4	.47			Similar to above. 6 to 8% pyrrhotite and chalcopyrite.
3320	270.0	272.4	2.4	1.81			Very fine grained, medium green cherty-looking rock with sericite, 4 to 5% chalcopyrite and pyrrhotite.
	272.4	273.3	0.9	NOT	SAMPLED		
3321	273.3	273.7	0.4	1.07			Fine grained, medium green creamulated siliceous tuff. 5 to 7% chalcopyrite and pyrrhotite.